10/623,933 JB

JB 29

Page 27, line ~~34~~

Add: 124 Inside Cavity of Pipette Tip

JB 30

Page 27, line ~~35~~

Add: 125 Outside Surface of Pipette Tip

On Page 20, please amend the following paragraph beginning on line 5.

Another embodiment, Figures 11, 12 12A and 13, shows an alternative to my "Sealing Cap for Container" Patent No.5, 513,768 with the replacement of the convex sealing diaphragm with a pipette tip wiping configuration. Figure 11 shows a perspective view of the two-cap design with the spiral wiping fingers 90 rotating more than one revolution and converging to the substantially closed apex end 113. The spiral wiping fingers 90 are formed from at least one helical slot 112 beginning at a substantial closed apex end 113 as shown in Figure 12 and molded into the wiping cap 92 attached to the container tube 50 by a hinge 94. Locking Cap 96 is molded 180 degrees opposite the wiping cap 92 and is connected to tube 50 by hinge 98, which completes the one-piece injection molded assembly. In use the tube 50 would be filled with fluid 41, wiper cap 92 would then be rotated into the tubes tapered sealing surface 100 mating with the wiping cap 92 sealing surface 102. To access the tubes fluid with a pipette tip 115 attached to pipetter barrel 61, you would pass the tip 115 through the spiral wiping finger or fingers 90, by expanding them, draw the calibrated sample fluid 119 into the cavity 124 of pipette tip 115, withdraw the tip 115 from the tube 50 and transport the sample 119 to its location for its dispensing. Unlike prior art, during the withdrawal cycle the wiping fingers 90, contract about the entire outside surface 125 of the pipette tip 115 and removed in a squeegee like action all non-calibrated residue fluid droplets ~~117~~ 116 from the entire outside of the tip 115 and leave it within tube 50 as shown in Figure 16 and Figure 17.

On Page 20, please amend the following paragraph beginning on line 28 and ending on Page 21, line 11

A single cap variation of the spiral wiping finger 90 is shown in Figures 15-18. This embodiment is also a one-piece injection molded closure design incorporating a threaded skirt 40 attached to access cap 44 by hinge 46. Its sealing and locking features are the same as is shown and described by Figure 3 and 3A. However, the convex sealing diaphragm 43 has been replaced